

**Serial No. 08/067,148
Atty. Docket No. 3495.0004-04**

REMARKS

Claims 29-31 and 37-44 are pending in this application.

Claims 37-41 have been amended to clarify the invention. No new matter is added by the amendments.

In view of the foregoing amendments to the claims, applicants respectfully request reconsideration and reexamination of this application and the timely allowance of the pending claims.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 06-0916. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested, and the fee should also be charged to our Deposit Account.

Respectfully Submitted,

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By:



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APPENDIX

15. An antibody, purified from sera or a cell producing it, which binds with a purified protein of human immunodeficiency virus type 1 (HIV-1), wherein said protein is p12 protein of HIV-1.

16. An antibody, purified from sera or a cell producing it, which binds with a purified protein of human immunodeficiency virus type 1 (HIV-1), wherein said protein is p18 protein of HIV-1.

18. A mixture of antibodies, purified from sera or cells producing them, which bind with purified proteins of human immunodeficiency virus type 1 (HIV-1), wherein said proteins are p12 and p25 proteins of HIV-1.

19. A mixture of antibodies, purified from sera or cells producing them, which bind with purified proteins of human immunodeficiency virus type 1 (HIV-1), wherein said proteins are p18 and p25 proteins of HIV-1.

20. A mixture of antibodies, purified from sera or cells producing them, which bind with purified proteins of human immunodeficiency virus type 1 (HIV-1), wherein said proteins are p12, p15, p18, p25, p36, p42, and p80 proteins of HIV-1.

29. An immunological complex comprising a purified protein of human immunodeficiency virus type 1 (HIV-1) and an antibody against said protein, which antibody binds with said protein, wherein said protein is p12 protein of HIV-1.

30. An immunological complex comprising a purified protein of human immunodeficiency virus type 1 (HIV-1) and an antibody against said protein, which antibody binds with said protein, wherein said protein is p18 protein of HIV-1.

31. The complex according to claim 29 or 30, wherein the protein of the complex is labeled with an immunoassay label selected from the group consisting of a radioactive label, an enzymatic label, a fluorescent label, a chemiluminescent label, and a chromophore label.

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